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TRANSMITTAL FORM

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October 2, 1999
(Date of Deposit)


Kathy Dixon

JC675 U.S. PTO
09/410896



Box Patent Application
Assistant Commissioner
For Patents
Washington, D.C. 20231

Attorney Doc. #: 67,200-207
Mailing Date: October 2, 1999

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Ching-Hsing Shih, His-Shen Chuang and Cheng-Fang Chung

For: Apparatus And Method For Cooling A Semiconductor Substrate

Submitted herewith are:

X 3 sheet of informal drawings showing Figs 1-3B

X An Assignment of the invention to Taiwan Semiconductor Manufacturing Co., Ltd., together with Assignment Recordal Sheet

X A Declaration for patent application under CFR 1.63 and 1.68

The filing fee has been calculated as shown below:

	No. Filed	No. Extra	Small Entity Fee	Large Entity Fee	Total
Basic Fee			\$380.00	\$760.00	\$760.00
Total Claims	20x20	5 x	\$9.00	\$18.00	\$0
Indep. Claims	3-3	0 x	\$39.00	\$78.00	\$0
Multiple Dep. Clms.			\$130.00	\$260.00	\$0
Assign. Rec. Fee			\$40.00	\$40.00	\$40.00
TOTAL					\$800.00

Mailing Date: October 2, 1999
Attorney Docket No.: 67,200-207

_____ Please charge my Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.

X A check in the amount of \$ 800.00 to cover the above calculated filing fee is enclosed

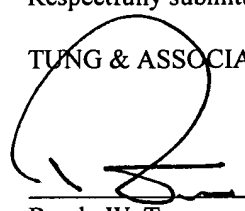
X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0484. A duplicate copy of this sheet is enclosed.

X Any additional filing fees required under 37 CFR 1.6

X Any patent application processing fees under 37 CFR 1.17

Respectfully submitted,

TUNG & ASSOCIATES



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Enclosures